

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

2040 Main Street
Fourteenth Floor
Irvine, CA 92614
Tel 949-760-0404
Fax 949-760-9502
www.kmob.com

Josué A. Villalta
310-407-3473
jvillalta@kmob.com

July 10, 2008

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: United States Patent No. 7,101,487
Title: MAGNETORHEOLOGICAL FLUID COMPOSITIONS AND
PROSTHETIC KNEES UTILIZING SAME
Issued: September 5, 2006
Our Reference: OSSUR.039A

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

Applicant notes that in an Amendment dated April 27, 2005 regarding the above-mentioned issued patent, Applicant purported to amend paragraph [0036] of the specification and accordingly an amendment was made to paragraph [0036]. However, review of the marked-up paragraph in the amendment and the originally filed specification clearly shows that this revision was intended to revise paragraph [0027] and that the marked-up paragraph was labeled "[0036]" in error. The marked-up paragraph in the amendment clearly matches paragraph [0027] of the originally filed specification and not paragraph [0036]. Further, the resulting amendment to the specification resulted in two substantially identical paragraphs in the issued patent (the original paragraph beginning at col. 7, line 34, and the new beginning at col. 10, line 53). Accordingly, Applicant requests that the former paragraph [0036] replace the corresponding paragraph in the issued patent. Applicant further notes that the replacement paragraph herein has been further

San Diego
619-235-8550

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
951-781-9231

Seattle
206-405-2000

Washington, DC
202-640-6400

Regarding U.S. Patent No. 7,101,487

Issue Date: September 5, 2006

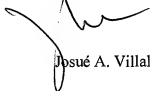
Page -2-

revised herein to recite "perfluoropropene" instead of "parafluoropropene" as in the Certificate of Correction dated March 20, 2007.

Further, because the aforementioned amendment did not revise the former paragraph [0027] as was clearly intended, Applicant also wishes to make those revisions herein.

As the errors cited in the Certificate of Correction were incurred through the fault of the Applicant, fees in the amount of \$100 will be paid via EFS Web. Please charge any additional fees to our Deposit Account No. 11-1410.

Respectfully submitted,



Josué A. Villalta

cc: Sabin H. Lee
Alejandro D. Muñoz
U.S. Docketing

Enclosures

5600331
070108

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,101,487
APPLICATION NO. : 10/722,313
ISSUE DATE : September 5, 2006
INVENTOR(S) : Henry Hsu et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 7, line 56, please delete "dihydoxyl" and insert -- dihydroxyl --, therefor.

At column 7, line 58, before "More" please insert "In some embodiments, functionalized perfluorinated polyether fluid additive comprises one or more functional groups selected from the group consisting of silane, phosphate, hydroxyl, carboxylic acid, amine, dihydroxyl, ethoxy ether, isocyanate, aromatic, ester and alcohol functions."

At column 10, line 53 through column 11, line 17, please delete the paragraph beginning "Other ingredients can be optionally added . . ." and ending "available from Solvay Solexis (Thorofare, N.J., USA)," and insert the following paragraph therefor:

In another embodiment, the MR fluid used in combination with a prosthetic knee may optionally comprise an additive. Suitable additives include, but are not limited to, functionalized carrier fluids as well as fluoropolymers. In one embodiment, the iron particles comprise from about 1 to about 60 % (v/v) of the total MR fluid volume, preferably from about 10 to about 50% (v/v), more preferably from about 20 to about 40% (v/v), but also including about 5, 15, 25, 30, 35, 45, and 55 % (v/v), and ranges encompassing these amounts. In one embodiment, the additive comprises from about 0.1 to about 20 % (v/v) of the carrier fluid, preferably from about 1 to about 15 % (v/v), more preferably from about 2 to about 10 % (v/v), but also including 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 11, 12, 13, 14, 16, 17, 18, and 19 % (v/v). For example, in one embodiment a preferred MR fluid used in combination with a prosthetic knee in shear mode comprises about 32% (v/v) particles and about 68% (v/v) fluid component wherein said fluid component comprises about 5% (v/v) a perfluoropropene and oxygen polymerized

MAILING ADDRESS OF SENDER:

Josue A. Villalta
KNOBBE, MARTENS, OLSON & BEAR, LLP
2040 Main Street, 14th Floor
Irvine, California 92614

DOCKET NO. OSSUR.039A

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,101,487
APPLICATION NO. : 10/722,313
ISSUE DATE : September 5, 2006
INVENTOR(S) : Henry Hsu et al.

Page 2 of 2

amide derivative additive and about 95% (v/v) perfluorinated polyether carrier fluid. In another embodiment a preferred MR fluid used in combination with a prosthetic knee in shear mode comprises about 28% (v/v) particles and about 72% (v/v) fluid component wherein, said fluid component comprises about 5% (v/v) a perfluoropropene and oxygen polymerized amide derivative additive and about 95% (v/v) perfluorinated polyether carrier fluid. In another embodiment, a preferred MR fluid used in combination with a prosthetic knee in shear mode comprises about 32% (v/v) particles, and about 68% (v/v) fluid component wherein said fluid component comprises about 5% (v/v) poly(hexafluoropropylene epoxide) with a carboxylic acid located on the terminal fluoromethylene group additive and about 95% (v/v) PFPE oil carrier fluid. In another embodiment, a preferred MR fluid used in combination with a prosthetic knee in shear mode comprises about 28% (v/v) particles, and about 72 % (v/v) fluid component wherein said fluid component composes about 5% (v/v) poly(hexafluoropropylene epoxide) with a carboxylic acid located on the terminal fluoromethylene group additive and about 95% (v/v) PFPE oil carrier fluid. In embodiments containing PFPE oil, the PFPE oil may comprise substantially all one PFPE oil or a mixture of one or more PFPE oils.

5600291
070108

MAILING ADDRESS OF SENDER:

Josue A. Villalta
KNOBBE, MARTENS, OLSON & BEAR, LLP
2040 Main Street, 14th Floor
Irvine, California 92614

DOCKET NO. OSSUR.039A